

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/IB 03/05709

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F13/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 982 675 A (FUJIMOTO) 9 November 1999 (1999-11-09)  column 3, line 20 - column 5, line 27 column 9, line 44 - column 10, line 16 figures 4,5	1-3, 9-11, 14-19, 24,26
Y	US 6 151 658 A (MAGRO) 21 November 2000 (2000-11-21)  column 2, line 20 - column 3, line 2 column 4, line 3 - column 5, line 44; figures 1,2  ----- -/-	1-3, 9-11, 14-19, 24,26

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

24 June 2004

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30/06/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 16, 8 May 2001 (2001-05-08) & JP 2001 014219 A (NEC CORP), 19 January 2001 (2001-01-19) abstract	1,15-17, 26
A	PATENT ABSTRACTS OF JAPAN vol. 0123, no. 09 (P-748), 23 August 1988 (1988-08-23) & JP 63 079292 A (NEC CORP), 9 April 1988 (1988-04-09) abstract	1,15-17, 26

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# INTERNATIONAL SEARCH REPORT

national Application No

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5982675	A	09-11-1999	JP	10154394 A	09-06-1998
US 6151658	A	21-11-2000	WO	9936849 A1	22-07-1999
JP 2001014219	A	19-01-2001	NONE		
JP 63079292	A	09-04-1988	NONE		